

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/051021

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01F17/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/142512 A1 (HO YEN-SHIH ET AL) 3 October 2002 (2002-10-03) figures 1,3 last sentence, paragraph 7 paragraph '0512!	1,6-10
X	HUNG C-M ET AL: "A PACKAGED 1.1-GHZ CMOS VCO WITH PHASE NOISE OF -126 DBC/HZ AT A 600-KHZ OFFSET" IEEE JOURNAL OF SOLID-STATE CIRCUITS, IEEE INC. NEW YORK, US, vol. 35, no. 1, January 2000 (2000-01), pages 100-103, XP000950394 ISSN: 0018-9200 page 100, right-hand column, lines 2-4 figure 2	1,10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

24 September 2004

Date of mailing of the international search report

04/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Plathner, B-D

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 463 875 B1 (CHEN JIAN J ET AL) 15 October 2002 (2002-10-15) figure 5 column 9, lines 21-29 -----	1,10
A	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 06, 28 June 1996 (1996-06-28) & JP 8 046424 A (MATSUSHITA ELECTRIC IND CO LTD), 16 February 1996 (1996-02-16) abstract -----	1-10

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/051021

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002142512	A1	03-10-2002	NONE	
US 6463875	B1	15-10-2002	US 6164241 A AU 4954499 A EP 1092229 A1 JP 2002519861 T TW 510149 B WO 0000993 A1	26-12-2000 17-01-2000 18-04-2001 02-07-2002 11-11-2002 06-01-2000
JP 8046424	A	16-02-1996	JP 3132297 B2	05-02-2001